

identifying first FCCH time data corresponding to the first FCCH burst frame;

receiving a second stream of transmission data having a second received signal frequency for a second period of time;

correlating the second transmission data against a signal template to identify a second FCCH burst frame;

identifying second FCCH time data corresponding to the second FCCH burst frame; and

analyzing the first FCCH time data and the second FCCH time data to determine whether the first FCCH time data correlates to the second FCCH time data.

91 ² 23. The method of claim ¹ 22, further comprising the steps of:

identifying a first training sequence received as part of the first stream of transmission data; and

identifying a first base station color code associated with the first training sequence.

³ ² 24. The method of claim 23, further comprising the step of:

identifying a transmitting base station associated with the first base station color code.

⁴ ¹ 25. The method of claim 22, wherein the first FCCH time data corresponds to the second FCCH time data if the second FCCH time data represents a time frame occurring a multiple of 51 time frames apart from the first FCCH time data.

⁵ ¹ 26. The method of claim 22, wherein the first FCCH time data corresponds to the second FCCH time data if the second FCCH time data represents a time frame occurring 10 time frames from a time frame occurring a multiple of 51 time frames apart from the first FCCH time data.

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27. The method of claim 22, wherein the first FCCH time data corresponds to the second FCCH time data if the second FCCH time data represents a time frame occurring 11 time frames from a time frame occurring a multiple of 51 time frames apart from the first time data.

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28. The method of claim 22, wherein the first FCCH time data corresponds to the second FCCH time data if the second FCCH time data represents a time frame occurring 20 time frames from a time frame occurring a multiple of 51 time frames apart from the first time data.

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29. The method of claim 22, wherein the first FCCH time data corresponds to the second FCCH time data if the second FCCH time data represents a time frame occurring 21 time frames from a time frame occurring a multiple of 51 time frames apart from the first time data.

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30. The method of claim 22, where the first period of time is of sufficient duration to record sixty-two frames of transmission data.

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31. The method of claim 22, wherein the signal template comprises an FCCH Burst and a SYNCH training sequence.

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32. The method of claim 22, further comprising the steps of:
identifying the first signal frequency of the first stream of transmission data; and

identifying the second signal frequency of the second stream of transmission data/.

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33. The method of claim 32, further comprising the steps of:
determining that the first and second streams of transmission data were sent from the same base station if the first FCCH time data correlates to the second FCCH time data and the first signal frequency is approximately equal to the second signal frequency.

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34. The method of claim 22, further comprising the step of:
determining that the first and second streams of transmission data were transmitted from the same base station if the first FCCH time data correlates to the second FCCH time data.